

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 07308707 A

(43) Date of publication of application: 28.11.98

(51) Int. Cl **B21C 1/00**
B21C 1/04
B24C 1/10
C21D 7/06

(21) Application number: 06125868
(22) Date of filing: 17.05.94

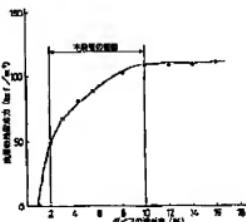
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**(54) MANUFACTURE OF BRASS PLATED STEEL
WIRE**

(57) Abstract:

PURPOSE: To provide a method for manufacturing a hard wire for reinforcing rubber articles to which especially fatigue property, adhesion to rubber and corrosion resistance are required.

CONSTITUTION: In a 1st stage to a 4th stage, including the final stage, on the upstream side from the final stage of a wire drawing process, air projecting type shot peening treatment using compressed air is applied to a brass plated steel wire whose diameter is 1.04mm and tensile strength is $\geq 300\text{kgf/mm}^2$ and which is manufactured by executing wire drawing with a skin-pass die of 2-10% reduction of area under conditions that shot grain size $\leq 200\mu\text{m}$, HV hardness of the shot grain: ≥ 600 and Sp: $2-100\text{kgf/cm}^2\text{.sec}$ (Sp= air jetting pressure (kgf/cm^2); shot peening treating time (sec)).



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